

ST. JOSEPH: Key Data Points

- The county observes a significantly lower percentage of mothers utilizing prenatal care during the first trimester (71.3% versus 80.6% respectively)
- A significantly lower percentage of mothers smoking during pregnancy, compared to the state of Indiana overall (13.4% versus 18.5% respectively)
- A significantly higher percentage of parents are unmarried in St. Joseph county, compared to the state (40.4% versus 37.1% respectively)
- St. Joseph county observed 78 accidental deaths (36 of which were motor vehicle), 27 suicidal deaths, and 23 homicides

Note: All figures relate to 2003 data from the Indiana State Department of Health, unless otherwise specified

Figure 1. Births

| | Total | | White | | Black | | Other | |
|--------------------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
| | Number | Crude Rate* | Number | Crude Rate* | Number | Crude Rate* | Number | Crude Rate* |
| St. Joseph County | 3,706 | 13.9 | 2,970 | 13.2 | 635 | 20.8 | 101 | 9.8 |
| INDIANA | 86,382 | 13.9 | 75,422 | 13.7 | 9,288 | 17.5 | 1,672 | 10.6 |

* births per 1,000 population; U = unstable rate, based on fewer than 20 births

Figure 2. Mortality

| | | NUMBER | | | | RATE* | | |
|---------------------|--------------------------|-------------|------------------------|-----------------------------|------------------------------------|------------------------|-----------------------------|------------------------------------|
| COUNTY OF RESIDENCE | REPORTED RACE/ ETHNICITY | Live Births | Infant Deaths (< 1 yr) | Neonatal Deaths (< 28 days) | Post Neonatal Deaths (28-364 days) | Infant Deaths (< 1 yr) | Neonatal Deaths (< 28 days) | Post Neonatal Deaths (28-364 days) |
| ST. JOSEPH | All Races | 3,706 | 30 | 19 | 11 | 8.1 | ** | ** |
| | White | 2,970 | 18 | 11 | 7 | ** | ** | ** |
| | Black | 635 | 10 | 6 | 4 | ** | ** | ** |
| | Other | 101 | 2 | 2 | 0 | ** | ** | 0 |
| | Hispanic | 390 | 0 | 0 | 0 | 0 | 0 | 0 |
| INDIANA | All Races | 86,382 | 641 | 417 | 224 | 7.4 | 4.8 | 2.6 |
| | White | 75,422 | 479 | 309 | 170 | 6.4 | 4.1 | 2.3 |
| | Black | 9,288 | 148 | 98 | 50 | 15.9 | 10.6 | 5.4 |
| | Other | 1,672 | 14 | 10 | 4 | ** | ** | ** |
| | Hispanic | 6,763 | 38 | 22 | 16 | 5.6 | 3.3 | ** |

*rate per 1,000 live births **Numerator is less than 20 and the rate is unstable

Figure 3. Outcome Indicators of Mother, by Race

| | | Birth Weight | | | | During Pregnancy | | |
|-------------------|--------------|----------------------|---------------------------|-------------|-----------------------|------------------|----------|---------------------|
| ST. JOSEPH COUNTY | Total Births | % Low (< 2500 grams) | % Very Low (< 1500 grams) | % Preterm † | % PNC 1st Trimester ‡ | % Alcohol | % Smoked | % Unmarried Parents |
| All Races | 3,706 | 8.2 | 1.9 | 8.9 | 71.3(S) | 0.9 | 13.4(S) | 40.4(S) |
| White | 2,970 | 6.2 | 1.4 | 7.3(S) | 74.7(S) | 0.8 | 13.1(S) | 33.2 |
| Black | 635 | 16.5 | 4.4 | 15.6 | 56.9(S) | 1.4 | 15.9 | 77.3 |

| | | Birth Weight | | | | During Pregnancy | | |
|-----------|--------------|----------------------|---------------------------|-------------|-----------------------|------------------|----------|---------------------|
| INDIANA | Total Births | % Low (< 2500 grams) | % Very Low (< 1500 grams) | % Preterm † | % PNC 1st Trimester ‡ | % Alcohol | % Smoked | % Unmarried Parents |
| All Races | 86,382 | 7.9 | 1.4 | 9.9 | 80.6 | 0.6 | 18.5 | 37.1 |
| White | 75,422 | 7.2 | 1.2 | 9.5 | 82.1 | 0.6 | 19.1 | 32.6 |
| Black | 9,288 | 13.3 | 3.3 | 13.3 | 68.2 | 1.1 | 15.2 | 76.3 |

† Preterm: less than 37 weeks gestation

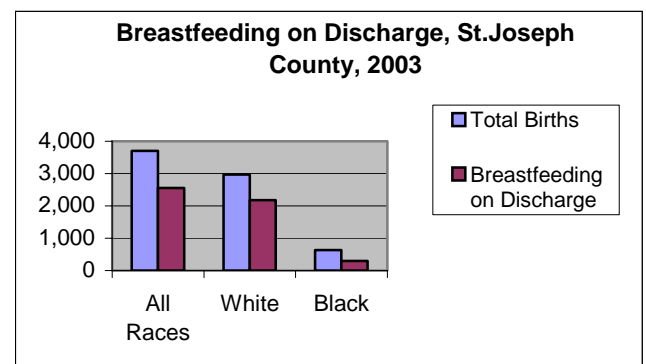
‡ PNC: Prenatal Care

'S' Significantly different than the state percent

*** Outcomes for this county are suppressed due to 20 or fewer total births

Figure 4. Breastfeeding

| ST. JOSEPH COUNTY | All Races | White | Black |
|------------------------------|-----------|-------|-------|
| Total Births | 3,706 | 2,970 | 635 |
| Breastfeeding on Discharge | 2,551 | 2,177 | 294 |
| % Breastfeeding on Discharge | 68.8 | 73.3 | 46.3 |



| INDIANA | <i>All Races</i> | <i>White</i> | <i>Black</i> |
|-------------------------------------|------------------|--------------|--------------|
| Total Births | 86,382 | 75,422 | 9,288 |
| Breastfeeding on Discharge | 54,636 | 49,385 | 3,959 |
| % Breastfeeding on Discharge | 63.2 | 65.5 | 42.6 |

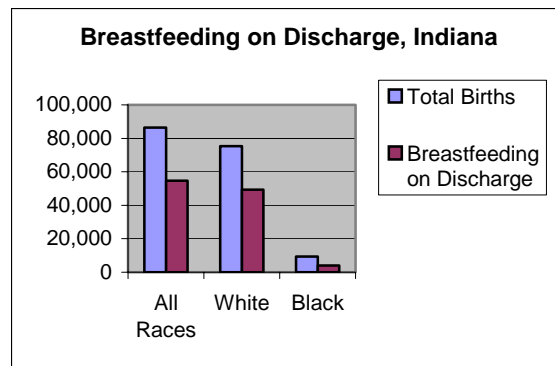


Figure 5. HIV/AIDS

| | Total # of AIDS cases reported since 1982* | Total # of HIV cases reported since 1985* |
|------------------------------|---|--|
| ST. JOSEPH COUNTY | 353 | 213 |
| INDIANA | 7,641 | 3,856 |

*numbers current through June 2005

Figure 6. Nutritional Risk Factors by Status,
Indiana WIC Clinics, Quarter Ending 09/30/2004

| Local Agency: Memorial Health Systems Counties Included: St. Joseph | | | | | | | |
|--|---------------------------|-------|----------|-------|-------|-------|-----------------------|
| Risk Factor or Status | Children 1-5 years of Age | | | | | Total | % within Agency |
| | White | Black | Hispanic | Asian | Other | | |
| Overweight | 44 | 24 | 63 | 2 | 6 | 139 | 4.7% |
| At Risk for becoming Overweight | 52 | 27 | 47 | 2 | 11 | 139 | 4.7% |
| | | | | | | | |
| Local Agency: State Wide Counties Included: All | | | | | | | |
| Risk Factor or Status | Children 1-5 years of Age | | | | | Total | % within Agency |
| | White | Black | Hispanic | Asian | Other | | |
| Overweight | 1,732 | 445 | 800 | 12 | 97 | 3,086 | 4.8% |
| At Risk for becoming Overweight | 2,023 | 485 | 639 | 11 | 124 | 3,282 | 5.1% |

| Priority Issues (St. Joseph & Indiana) | | | |
|--|--|------------|---------|
| Demographics: Percentage of population enrolled in Medicaid, Percentage of population enrolled in Food Stamps. | | St. Joseph | Indiana |
| 2 | % of Population enrolled in Medicaid as of June 2003 | 13.7 | 12.4 |
| 3 | % of Population in Food Stamps Program, 2004 | 9.7 | 8.6 |
| Priority #1 (pregnancy outcomes): Average Infant Mortality Rate, Average Fetal death Rate | | St. Joseph | Indiana |
| 1 | Av Total Infant Death Rate (1993-2002) | 8.1 | 8.1 |
| 2 | Average Fetal Death Rate (1994-2003) | 7.8 | 6.7 |
| Priority #2 (reduce barriers): Health Professional Shortage Areas, Percentage of women with prenatal care in first trimester | | St. Joseph | Indiana |
| 1 | Scores for Primary Care Health Professional Shortage Areas (HPSAs) (2005) | 13 | NA |
| 2 | % PNC 1st Trimester†, 2003 | 71.3 | 80.6 |
| Priority #4 (environmental): Prevalence of asthma, Childhood lead poisoning | | St. Joseph | Indiana |
| 1 | Prevalence of Asthma in a Medicaid Cohort of Children age 0-17 years, 2003 | 10 | 10.4 |
| 2 | % Estimated Lead Blood Levels (%EBLL) for Children under 6 years old FY 2004-2005 | 1.8 | 2.1 |
| Priority #5 (tobacco): Percentage of mothers who smoked during pregnancy, Percentage of Adult Smoking | | St. Joseph | Indiana |
| 1 | % of mothers Smoked During Pregnancy, 2003 | 13.4 | 18.5 |
| 2 | % of Adult Smoking in 2003 | 29.2 | 29.3 |
| Priority #7 (adolescent risk behaviors): Adolescent deaths due to motor vehicle accidents, Chlamydia rates (ages 15-24). | | St. Joseph | Indiana |
| 1 | Number of Adolescent (15-24) deaths due to Motor vehicle accidents (2001-2003) | 30 | 748 |
| 2 | Chlamydia rates per 100,000 county specific population (15-24yrs of Age) | 1645.04 | 1541.49 |
| Priority #8 (obesity): Obesity in pregnant women | | St. Joseph | Indiana |
| 1 | Number of Obese Pregnant Women In Indiana, 2003 | 97 | 2,496 |
| Priority #9 (domestic violence, childhood injury): Child deaths due to Injury, Child abuse and neglect rates | | St. Joseph | Indiana |
| 1 | Child deaths due to Injury 1-14yrs (2001-2003) | 10 | 257 |
| 2 | Child Abuse and Neglect per 1,000 Population under age 18, 2004 | 15.8 | 13.5 |
| Priority #10 (To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes): Percentage of Hispanic Population of any Race, LBW Disparity Ratio | | St. Joseph | Indiana |
| 1 | % of Hispanic Population of any Race, July,1,2004 | 5.5 | 4.3 |
| 2 | Low Birth Weight Disparity Ratio (B/W) (1993-2002) | 2.06 | 1.92 |
| Source: Data Analysis Team, ISDH. Notes: 1. NS= Not Stable 2. NA = Not Available 3. Infant Mortality rate and Fetal Death rate is for 1000 live births. 4. Low Birth Weight: Birth Weight Less than 2,500grams. 5. HPSA Score ranges 1 – 25. The higher the score, the higher the need. 6. EBLL: Ten (10) micrograms of lead per deciliter of whole blood for one venous test; %EBLL is based on screening rate of 27% Statewide, unduplicated kids 7. Obesity in Pregnant Women determined by "Concurrent Illness Obesity" checkbox on the birth certificate 8. PNC percentages are calculated using total births in each county. | | | |

Note: The following priorities have been identified for St. Joseph County:

- **Priority # 1:** To decrease high-risk pregnancies, fetal death, low birth weight, infant mortality racial and ethnic disparities in pregnancy outcomes.
- **Priority # 2:** To reduce barriers to access to health care, mental health care and dental care for pregnant women, infants, children, children with special health care needs, adolescents, women and families.
- **Priority # 4:** To reduce morbidity and mortality rates from environmentally related health conditions including asthma, lead poisoning and birth defects.
- **Priority # 7:** To reduce risk behaviors in adolescents including unintentional injuries and violence, tobacco use, alcohol and other drug use, risky sexual behavior including teen pregnancy, unhealthy dietary behaviors and physical inactivity.
- **Priority # 8:** To reduce obesity in Indiana.
- **Priority # 9:** To reduce the rates of domestic violence to women and children, child abuse and childhood injury in Indiana.
- **Priority # 10:** To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes.